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# PHILOSOPHICAL TRANSACTIONS.

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Munday, Janu<sup>ar</sup>. 8. 166 $\frac{1}{2}$ .

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## The Contents.

*An Account of the Tryals, made in Italy of Campani's new Optick Glasses. A further Relation of the Whale-fishing about the Bermudas, and upon the Coast of New England, and New Netherland. Of a remarkable Spring of Paderborn in Germany. Of some other uncommon Springs at Basel and in Alsatia. Of the richest Salt-springs in Germany. Some Observations of Strange Swarms of Insects, and the mischiefs done by them: as also of the Brooding of Snakes and Vipers. Observations of odd Constitutions of humane Bodies. Of a way, used in Italy, of preserving Ice and Snow by Chasse. Directions for Sea-men bound for far Voyages, drawn up by Master Rook, late Geometry Professor of Gresham Colledge. Some Observations of Jupiter's Eclipsed by one of his Satellites: and of his Conversion about his Axis. Of some Philosophical and Curious Books, that are shortly to come abroad.*

*An Account of the Tryalls, made in Italy of Campani's new Optick Glasses.*

**A**N Inquisitive Parisian writes to his Correspondent in London, as follows;

We received lately news from Rome, from a very Curious Person of our acquaintance, importing, that Campani hath had the advantage of Divini. The Great Duke of Torkany, and Prince Leopold, his Brother, upon Tryal, made of both their Glasses, have found those of Campani excel the other, and with them they have been able, easily to distinguish people

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at 4 Leagues distance : Of which I intend you more particulars hereafter.

Among them are expected the *Length* of these *Telescopes*, and the Largeness of the *Aperture* of their *Object-glasses*. In the mean time, the *Parabolical-glasses*, formerly mentioned to be in hand here at *London*, are finishing with all possible care and industry.

*A Further Relation of the Whale-fishing about the Bermudas, and on the Coast of New-England and New-Netherland.*

The same Person, that communicated the particulars about the new Whale-fishing near the *Bermudas*, mentioned in the first of these *Tracts*, gives this further Information ; That there have been since taken by order of the *Bermudas* Company, sixteen of those Whales, the Oyle whereof, to the quantity of 50 or 60 Tuns arrived in *Ireland* at *Limrick*, some few months agoe.

He adds, that about two years since, there stranded upon the Coast of *New-England* a dead Whale, of that sort, which they call *Trumpo*, having Teeth resembling those of a Mill, and its mouth at a good distance from, and under the Nose or Trunk, and several boxes or partitions in the Nose, like those of the Tails in Lobsters; and that that being open'd there run out of it a thin oily substance, which would candy in time; after which, the remainder, being a thick fatty substance, was taken out of the same part, with a scoope. And this substance he affirmed to be the *Sperma Ceti*; adding further, that the *Blubber*, as they call it, it self, of the same sort of Whales, when stewed, yields on the top a creamy substance, which taken off, and thrown upon white Wine, lets fall a dirty heterogeneous sediment, but what remains aloft, affords a *Sperma-Ceti*-like matter.

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